

1 ABSTRACT

2

3 A method of transmitting data over a fibre-optic channel, where the data comprises multi-valued
4 bits each having at least three possible values. The method comprises establishing a respective
5 optical characteristic corresponding to each of the possible values. For each multi-valued bit of
6 the data, a pulse is transmitted having the optical characteristic corresponding to the value of the
7 multi-valued bit.

8